

Converting Colors

XYZ(36.3363, 43.0142, 49.8729)

Have a look what the booklet for
XYZ(36.3363, 43.0142, 49.8729)
contains.

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Color

**XYZ(36.2585, 42.8659,
50.0790)**

Conversions

Conversions Part 1

Format	Color
Hex	8DB7B5
RGB	141, 183, 181
RGB Percent	55%, 72%, 71%
CMY	0.4471, 0.2823, 0.2902
CMYK	0.23, 0.00, 0.01, 0.28
HSL	177°, 23%, 64%
HSV	177°, 23%, 72%
XYZ	36.2585, 42.8659, 50.0790
YIQ	170.2140, -24.3900, -9.5260

Conversions

Conversions Part 2

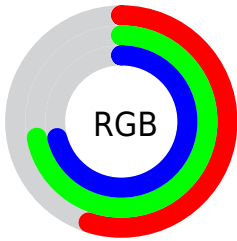
Format	Color
RYB	141, 163, 183
Decimal	9287605
CIELab	71.46, -14.37, -3.58
CIELCh	71, 14.812, 193.994
Yxy	42.8659, 0.2806, 0.3318
Android (android.graphics.Color)	4287477685 (0xFF8DB7B5)
YUV	170.2140, 5.3175, -25.6207
Hunter-Lab	65.4721, -15.7226, 0.4800

Details

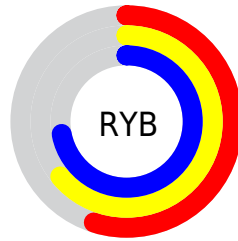
The XYZ color **36.2585, 42.8659, 50.0790** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.0128, 31.1014, 30.1989**, and the grayscale version is **38.2992, 40.2938, 43.8799**.

A 20% lighter version of the original color is **68.6582, 79.4495, 91.8374**, and **16.0954, 19.6974, 23.3757** is the 20% darker color. If you saturate the color by 10%, you get **33.3114, 41.3580, 49.4761**, and if you desaturate by 10%, it is **39.7228, 44.6426, 50.7109**.

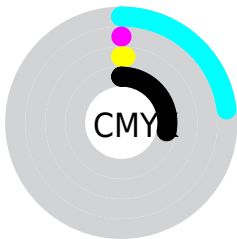
Distribution



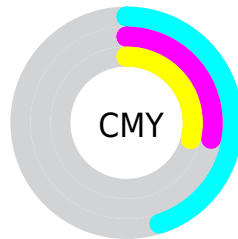
- Red (55%)
- Green (72%)
- Blue (71%)



- Red (55%)
- Yellow (64%)
- Blue (72%)



- Cyan (23%)
- Magenta (0%)
- Yellow (1%)
- Black (28%)



- Cyan (45%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.2585, 42.8659, 50.0790 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 36.2585, 42.8659, 50.0790 by changing the saturation by 10% instead.

■ 36.2585, 42.8659,
50.0790

■ 36.2585, 42.8659,
50.0790

321.5006,
358.0600, 403.7187

■ 24.8049, 29.7799,
35.1046

■ 68.7521, 79.5085,
91.6894

■ 16.0597, 19.6716,
23.4592

■ 90.5229, 103.8338,
119.1625

■ 9.6576, 12.1566,
14.7245

■ 116.4635,
132.6744, 151.6388

■ 5.2330, 6.8504,
8.4818

146.9392,
166.4147, 189.5370

■ 2.4208, 3.3687,
4.3126

182.3154,
205.4390, 233.2755

■ 0.8555, 1.3271,
1.7983

222.9575,

■ 0.0000, 0.1621,

250.1317, 283.2730

0.4269

269.2307,
300.8772, 339.9478

■ 0.0000, 0.0000,
0.0000

■ 36.2585, 42.8659,
50.0790

■ 36.2585, 42.8659,
50.0790

■ 33.3114, 41.3580,
49.4761

■ 39.7228, 44.6426,
50.7109

■ 30.8525, 40.1007,
48.8981

■ 43.7242, 46.6949,
51.3699

■ 28.8558, 39.0815,
48.3445

■ 48.2858, 49.0360,
52.0580

■ 27.2912, 38.2850,
47.8142

■ 53.4286, 51.6766,
52.7764

■ 26.1250, 37.6939,
47.3054

■ 59.1722, 54.6269,
53.5257

■ 25.3188, 37.2883,
46.8163

■ 65.5355, 57.8966,
54.3071

■ 24.8262, 37.0443,
46.3448

■ 67.1555, 58.7210,
54.8694

■ 24.6015, 36.9354,
46.0199

■ 67.2493, 58.7585,
55.3632

■ 67.3436, 58.7962,
55.8601

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



36.2989, 42.8659, 42.9832



36.2585, 42.8659, 50.0790



37.3847, 42.8659, 56.8928

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36.2585, 42.8659, 50.0790



44.1701, 42.8659, 57.2834



42.0813, 42.8659, 34.6627

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



36.2585, 42.8659, 50.0790



34.0128, 31.1014, 30.1989

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



44.2961, 42.8659, 37.7580



36.2585, 42.8659, 50.0790



45.5352, 42.8659, 50.5696

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



36.2585, 42.8659, 50.0790



41.9151, 42.8659, 61.3308



45.5823, 42.8659, 43.4263



39.5925, 42.8659, 34.5603

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



36.2585, 42.8659, 50.0790



38.6732, 42.8659, 60.1574



45.5823, 42.8659, 43.4263



42.8848, 42.8659, 35.3722

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



36.2597, 42.8676, 50.0800



75.2019, 82.0338, 91.5009



33.0875, 41.6404, 31.4936



16.5149, 18.0701, 20.1942



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.2597, 42.8676, 50.0800



61.9164, 75.2245, 89.0866



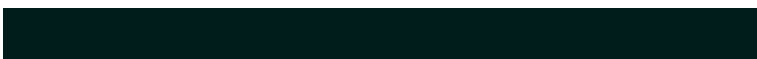
32.8264, 35.6698, 49.9566



9.2477, 10.2030, 11.4617



17.1690, 25.7686, 32.1417



0.6110, 0.9107, 1.1632

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



34.0128, 31.1014, 30.1989



57.1221, 50.1137, 46.6625



36.8912, 37.0988, 30.4166



9.0215, 9.0190, 9.4606



13.6640, 7.0394, 0.8515



0.4876, 0.2505, 0.0611

Previews

White Background



This preview shows how the XYZ color 36.2585, 42.8659, 50.0790 looks on a white background.

Color Contrast Check

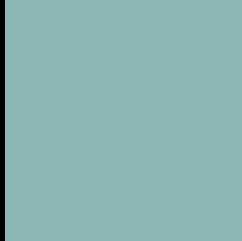
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 36.2585, 42.8659, 50.0790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

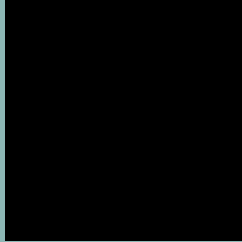
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.2585, 42.8659, 50.0790

Background



This preview shows how black text looks on a background with the XYZ color 36.2585, 42.8659, 50.0790.

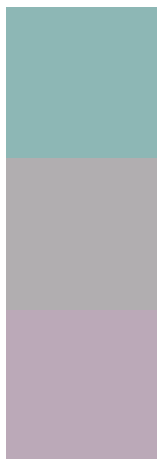


This preview shows how white text looks on a background with the XYZ color 36.2585, 42.8659,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

36.2585, 42.8659, 50.0790

Protanopia

41.1040, 42.7538, 47.1602

Deuteranopia

43.3332, 42.4014, 51.2478



Tritanopia

37.8758, 42.9172, 57.9173

Trichromacy



Original Color

36.2585, 42.8659, 50.0790

Protanomaly

39.0679, 42.5511, 48.2736

Deuteranomaly

40.2609, 42.2370, 50.8303

Tritanomaly

37.3499, 43.0132, 55.0490

Monochromacy



Original Color

36.2585, 42.8659, 50.0790

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.2680, 41.0869, 46.0107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2585, 42.8659, 50.0790 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(141, 183, 181)` looks like.

```
.text, #text, p{  
    color:rgb(141, 183, 181)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(141, 183, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 183, 181) }
```

Border

The CSS property to change the border of an element to XYZ 36.2585, 42.8659, 50.0790 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(141, 183, 181) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(141, 183, 181) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(141, 183, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 183, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 183, 181);  
box-shadow:4px 4px 4px 4px rgb(141, 183,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2585, 42.8659, 50.0790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 183, 181) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(141,  
183, 181) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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